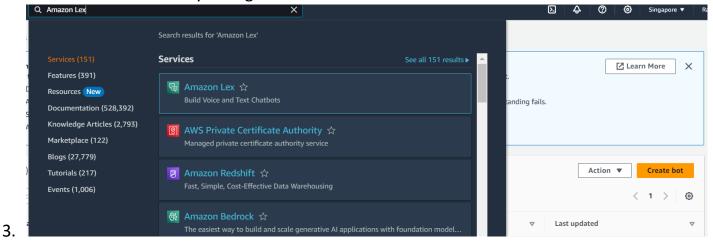
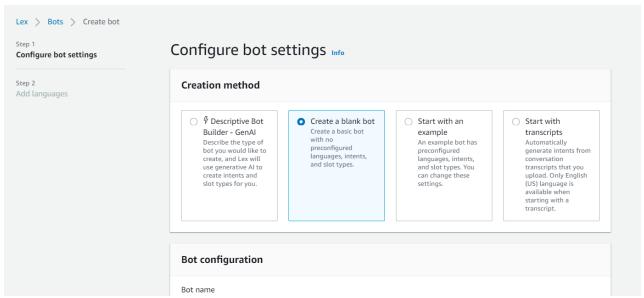
Building a chat bot for a Pizza center

Steps to build a Chat Bot using Amazon Lex -

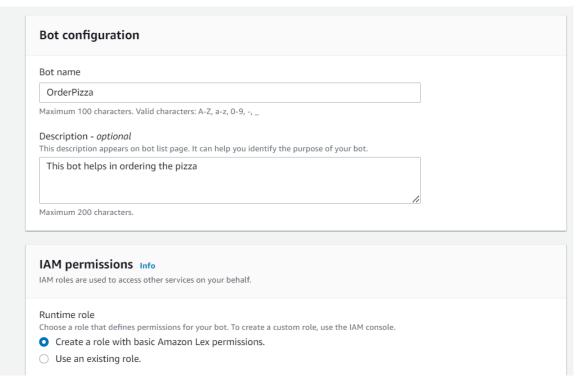
- 1. Go to console search for **Amazon Lex** and click it
- 2. Click on create bot on your right side and launch



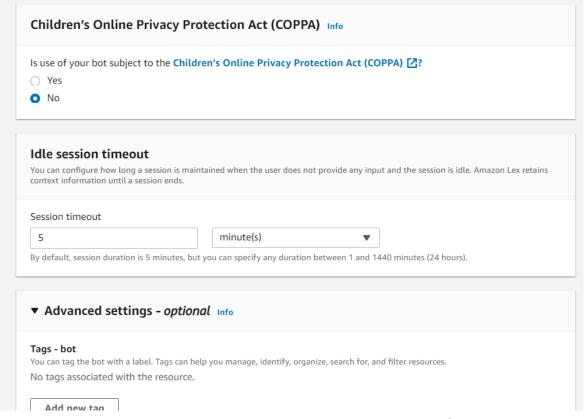
- 4. Configure bot settings-
 - Creation method select on create a blank bot



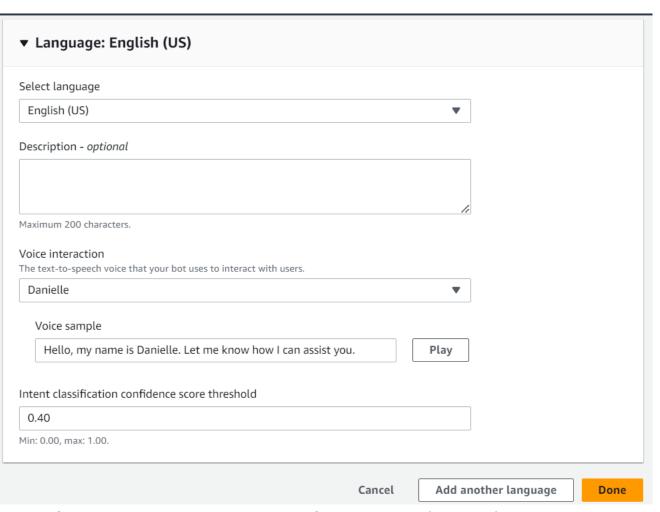
- Bot Configuration
 - Name OrderPizza
 - Description default / specify this This bot helps in ordering the pizza
- IAM permissions select create a role with basic Amazon Lex Permissions



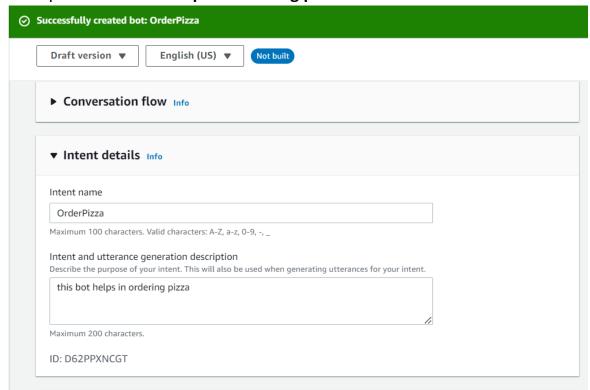
- COPPA click on No
- Idle session time out default
- Advance settings default



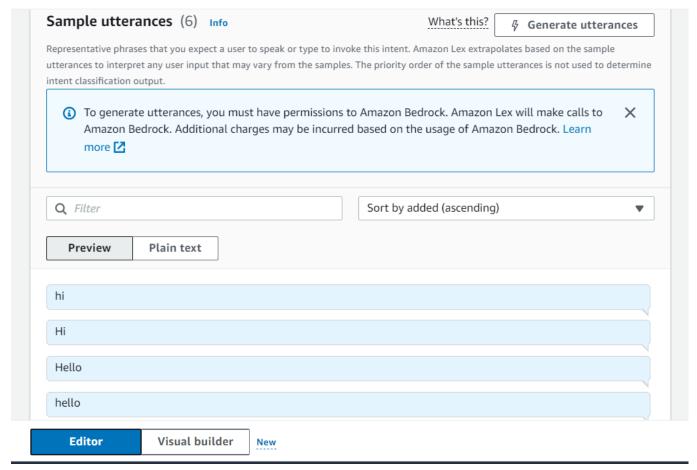
Click on next – it will redirect you to language setting – verify whether its in English-US – If it is default in present ignore and click on Done again it will redirect to additional settings - agenda of chat bot



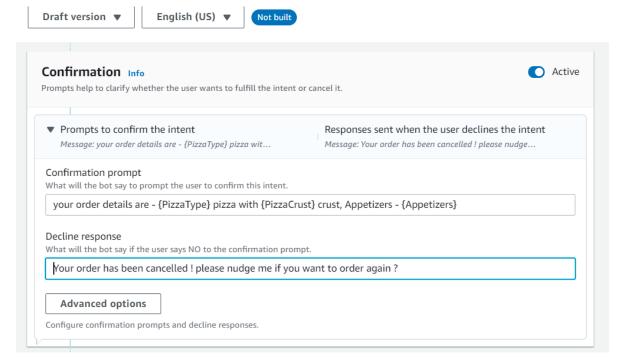
- 5. Conversation flow this is to view your settings firstly ignore it (optional)
- 6. Intent details
- Name OrderPizza
- Description this bot helps in ordering pizza



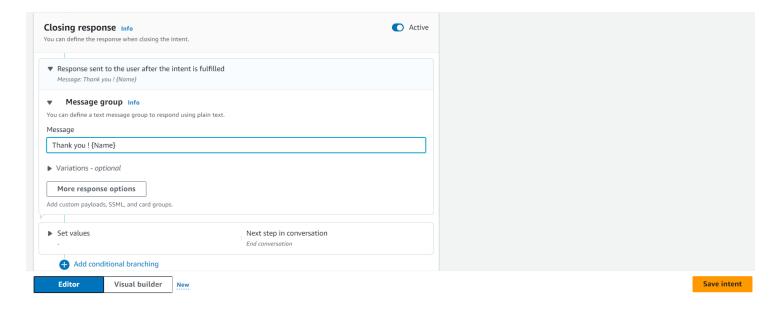
- 7. Contexts- default
- **8.** Sample utternaces- in the text box beneath type 'hi,Hi,Hello,hello, i want to order pizza' and add it for each word using **Add utterance**



- 9. Initial response default
- 10. Slots default for now
- 11. Confirmation toggle to active and by clicking it
 - Confirmation prompt- your order details are {PizzaType} pizza with {PizzaCrust}
 crust, Appetizers {Appetizers}
 - Decline responses Your order has been cancelled! please nudge me if you want to order again?
 - Advance options default

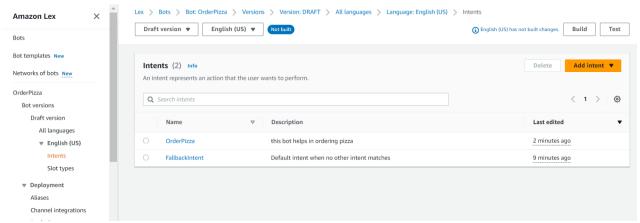


- 11.Fulfillment default
- 12. Closing response toggle to active and by clicking it
- Message Thank you! {Name}

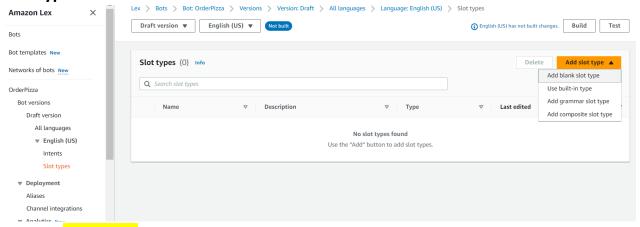


More response – if you want to add add more / default

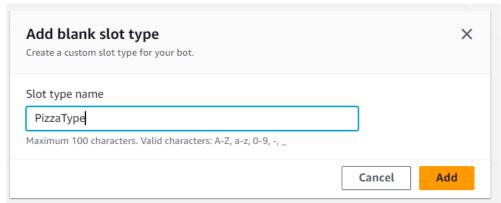
- 13.Code hooks default
 - 14. Click on save intent
 - 15. Then on your left side you'll find **back to intent lists** click it you will find intentsdashboard review the intent 'OrderPizza '



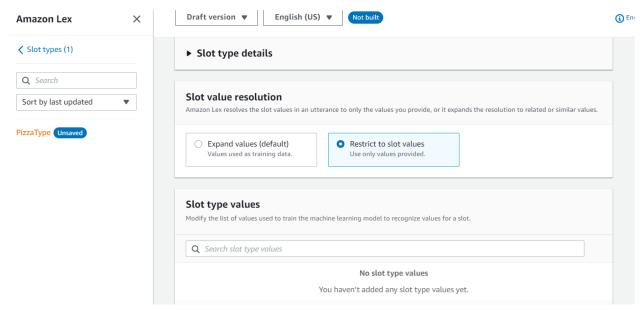
- 16. On your left side you'll find slot types click on that
 - Click on add slot type on your right side on your drop down select add blank slot type



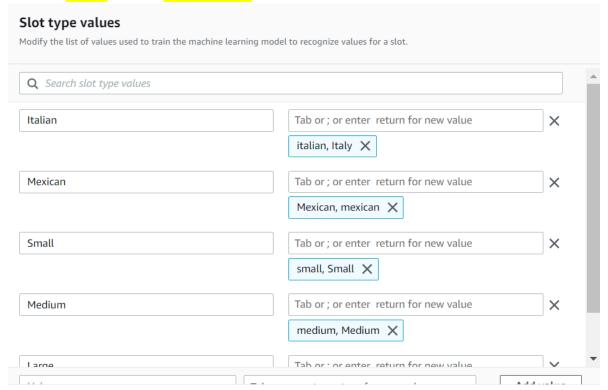
- Name PizzaType
- · click on add



it will redirect u to slot setting – select on restrict to slot values

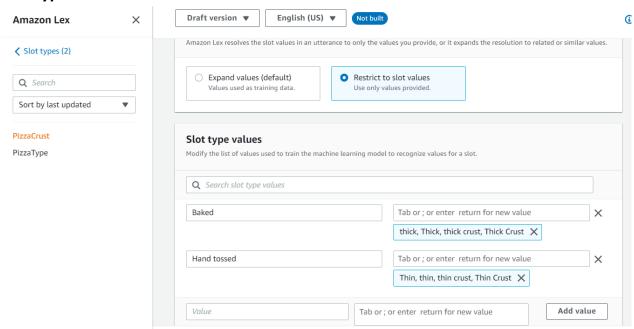


- add values and keys for each value click the value to add value on your right side
- value Italian , key Italian, italian
- value Mexican, key mexican, Mexican
- value small, key Small, small
 - value Medium, key medium, Medium
 - value Large, key Large, large



- click on save slot type and go back to slots dashboard by clicking on your left side using slot types
- 17. repeat it for 'PizzaCrust'
 - Click on add slot type on your right side on your drop down select add blank

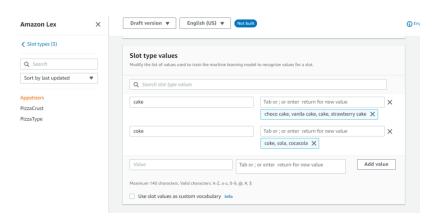
slot type



- Name PizzaCrust
- click on add
- it will redirect u to slot setting select on restrict to slot values
- add values and keys for each value click the value to add value on your right side value Baked, key thick, Thick, thick crust, Thick Crust value Hand tossed, key Thin, thin, thin crust, Thin Crust
- click on save slot type and go back to slots dashboard by clicking on your left side using slot types

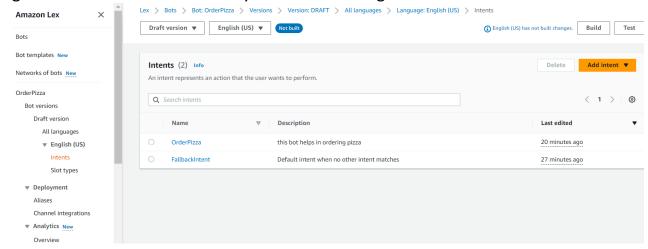
18. repeat it for 'Appetizers'

- Click on add slot type on your right side on your drop down select add blank slot type
- Name Appetizers
- click on add
- it will redirect u to slot setting select on restrict to slot values
- add values and keys for each value click the value to add value on your right side value cake, key choco cake, vanila cake, cake, strawberry cake value coke, key coke, cola, cocacola

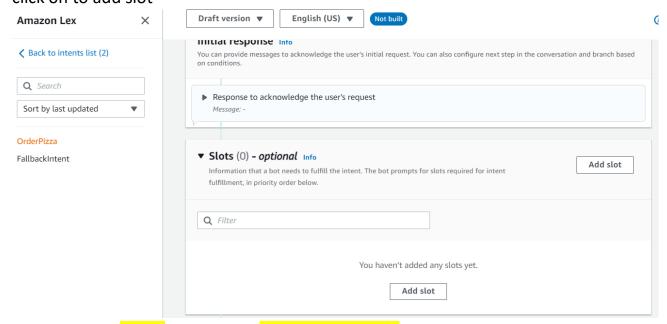


 click on save slot type and go back to slots dashboard by clicking on your left side using slot types

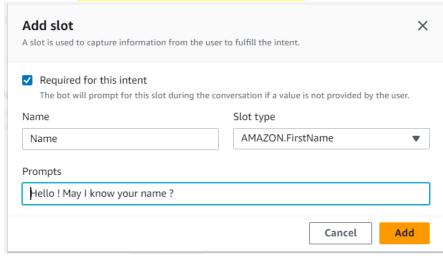
go on to intents dashboard on your left side using intents and click on OrderPizza



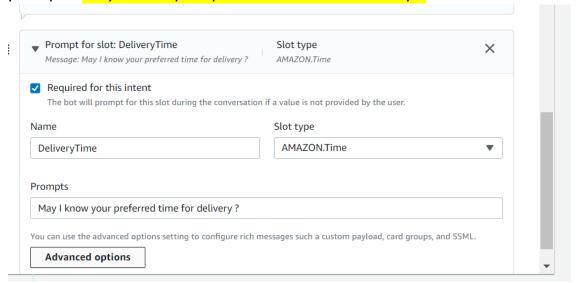
19. In the beginning we have skipped step - 9 now we will complete it click on to add slot –



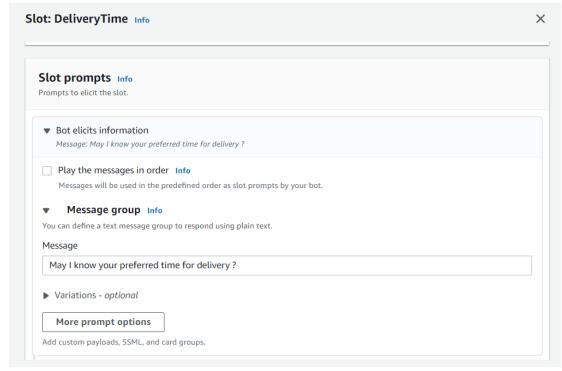
name – <mark>Name</mark> , slot type – <mark>Amazon.firstname</mark> prompt – <mark>Hello! May I know your name</mark>?



- name PizzaType , slot type PizzaType prompt Welcome to the pizza center {Name}, which pizza would you like to prefer today ?
- name PizzaCrust, slot type PizzaCrust
 prompt Sure! what crust would you like to have in your pizza?
- name Appetizers , slot type Appetizers
 prompt would you like to have cake or coke with your pizza
- name DeliveryTime, slot type Amazon.time
 prompt May I know your preferred time for delivery?

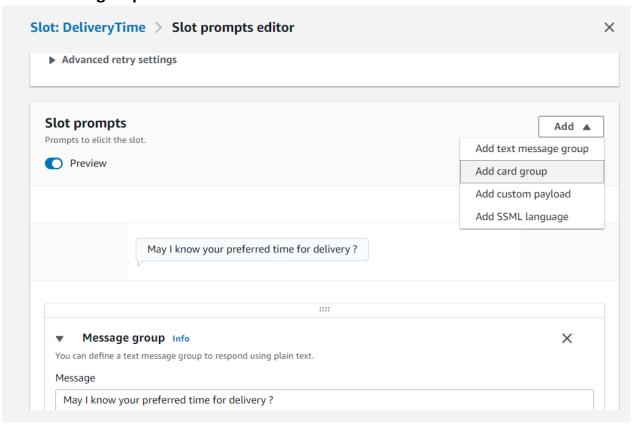


- Click on that prompt again you will find advanced settings in it click that



- a tab will be opened on your right in that scroll down to slot prompts and click
 it
- you will find more prompt settings click on it
- scroll down to slot prompt, enable preview toggle

 on the right side of that section you will find add button click on that and click on add card group



- scroll down to card group section

title: May I know your preferred time for delivery?

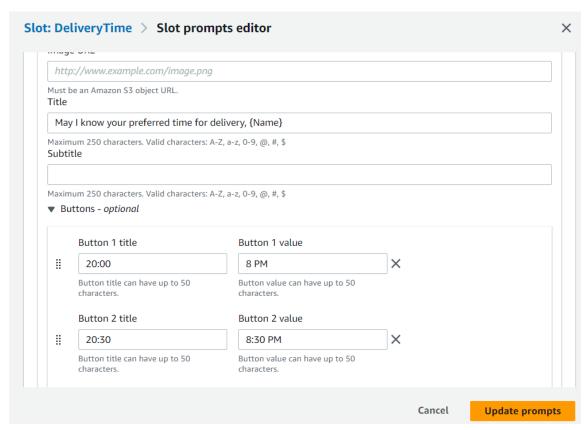
subtitle : default

- enable buttons and add button

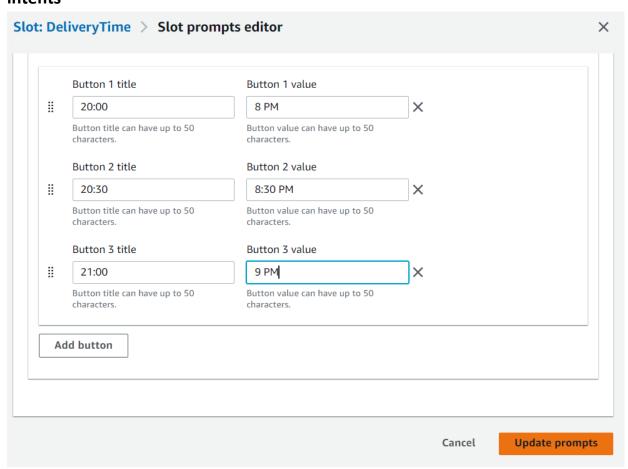
20:00 - 8 PM

20:30 - 8:30 PM

21:30 - 9.00 PM

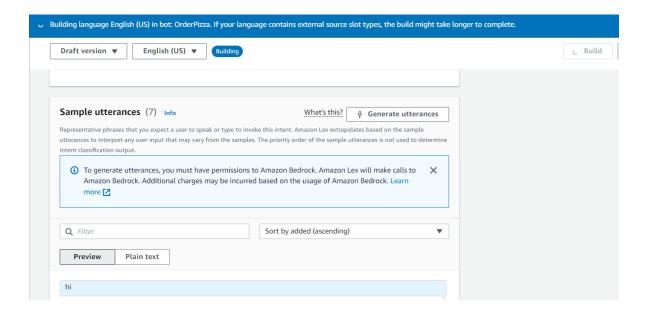


Enter the values and keys as it is and you can add more as more as you want
 click on update prompts and again click on update slots and again save the intents

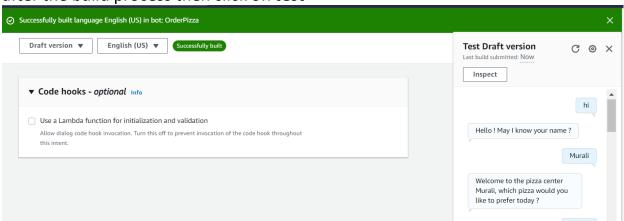


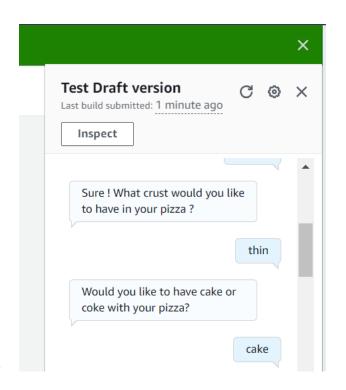
on the right corner you have build and test, first click on build

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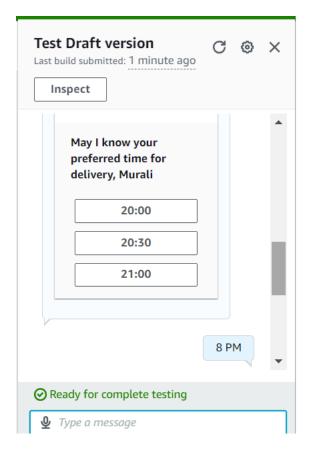


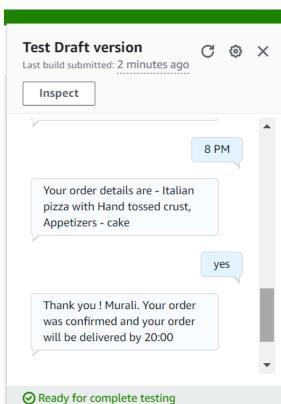
after the build process then click on test





20.





21. If the chat bot is not responding accordingly there is no mistake in the steps you might havemissed the steps create it once again, you may find the error not responding at the Initial stage create it once again and it will work.